

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Walter K. Robinson on 19 January 2010.

The application has been amended as follows:

The abstract of the disclosure has been *replaced* with the following abstract:

"The present invention provides digital imaging architectures comprising detectors coupled to readout circuitry. The readout circuitry functions in particular modes, the use of which can depend on characteristics of the input signals transferred to the readout circuitry from the detectors, or can depend on the characteristics of the output signal required from the readout circuitry. When the input signal has a particular magnitude the readout circuitry can function in a first mode in which the input signal can be amplified to a measurable level, and when the input signal has another magnitude, the readout circuitry can function in an alternate mode in which the input signal can be read out with a different or no amplification. Thus, the present invention can provide a large dynamic range of detection that can amplify sensitive input signals from a detector as well as read larger signals with little or no amplification."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARK R. GAWORECKI whose telephone number is (571)272-8540. The examiner can normally be reached on Tuesday through Friday, 6:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Porta can be reached on (571) 272-2444. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/David P. Porta/
Supervisory Patent Examiner, Art
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/M. R. G./
Examiner, Art Unit 2884
19 January 2010